## IN THE CLAIMS

We claim:

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1. A contact comprising:

a conductive film;

an opening having a top and bottom wherein said bottom is formed on said conductive film, said opening having a first sidewall and second sidewall wherein said first sidewall is opposite of said second sidewall, and wherein said first sidewall has a stair step configuration wherein said first sidewall is closer to said second sidewall at said bottom of said opening then at the top of said opening; and a conductor formed on said first sidewall of said opening and on said bottom of said opening on said conductive film.

15 2. The contact of claim 1 wherein said second sidewall has a second stair step configuration.

3. The contact of claim 1 wherein said conductor is aluminum or aluminum alloy.

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- 4. The contact of claim 1 wherein said first sidewall has a slope of less than 2-1.
  - 5. A contact comprising:

a contact opening having a bottom on a interconnection, said contact opening having a first and second laterally opposite sidewalls, wherein said first sidewall comprises:

a first vertical side extending up from said bottom;

a first horizontal surface extending from said first vertical side to a second vertical side, said second vertical side further spaced from said second sidewall than said first vertical side;

a second horizontal surface extending from said second vertical side to a third vertical side wherein said third vertical side is spaced further from said second sidewall than said second vertical side; and

a conductor formed on said first sidewall and on said interconnection in the bottom of said contact opening.

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6. The contact of claim 1 wherein said conductor is an aluminum or an aluminum alloy.

## 7. A contact comprising:

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a first film stack having a first part and a second part separated by a first gap, said first film stack having a top conductive film;

a second film stack formed on said first film stack, said second film stack having a first part and a second part separated by a second gap formed over said first gap so as to expose said top conductive film of said first film stack, said second film stack having a top conductive film; and

a continuous conductive contact film formed on said top conductive film on said second film stack and on said top conductive film of said first film stack in said second gap.

25 8. The contact of claim 7 further comprising a third film stack having a top conductive film, said third film stack formed over said second film stack, said third film stack having a first part and a second part separated by a third gap over

said second gap wherein said third gap is larger than said second gap so as to expose said top conductive film of said second film stack and wherein said continuous conductive film is formed on said top conductive film of said second film stack in said third gap.

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The contact of claim 7 wherein said first film stack comprises a top P+ 9. silicon film formed on a silicide film which is formed on a P+ silicon film which is formed on a P-silicon film which is formed on a antifuse layer.

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The contact of claim 9 wherein said second film stack comprises a top 10. N+ silicon film formed on a silicide film which is formed on a N+ silicon film which is formed on a N-silicon film which is formed on a antifuse film.

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The contact of claim 7 wherein said first film stack comprises a top N+ 11. silicon film formed on a silicide film which is formed on a N+ silicon film which is formed on a N-silicon film which is formed on a antifuse film.

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The contact of claim 11 wherein said second film stack comprises a top 12. P+ silicon film formed on a silicide film which is formed on a P+ silicon film which is formed on a P- silicon film which is formed on a antifuse layer.

The contact of claim 7 wherein said continuous conductive contact film 13. comprises a top P+ silicon film formed on a silicide film.

The contact of claim 7 wherein said continuous conductive contact film 25 14. comprises a top N+ silicon film formed on a silicide film.

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- 15. The contact of claim 7 wherein said continuous conductive film is aluminum or an aluminum alloy.
  - 16. A method of forming a contact comprising: forming a first film stack having a first vertical end;

forming a second film stack on said first film stack said second film stack having a second vertical end laterally offset from said first vertical end so as to expose a portion of said first film stack; and

forming a conductive film on said second film stack and on said exposed portion of said first film stack.

- 17. The method of claim 16 further comprising forming said conductive film onto an interconnection formed beneath a dielectric wherein said interconnection is formed beneath said first vertical end of said first film stack.
- 18. The method of claim 16 wherein said conductive film is formed by sputter deposition.
- 19. The method of claim 18 wherein said sputter deposited film is an20 aluminum or aluminum alloy.
  - 20. A method of forming an electrical contact between multiple layers comprising:

forming a first film stack having a top conductive layer on an insulating layer, said first film stack having a first vertical end;

forming a second film stack having a top conductive layer on said first film stack, said second film stack having a second end offset from said first end of

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said first film stack so as to expose the top conductive film of said first film stack; and

forming a continuous conductive contact film on said top conductive film of said second film stack and on said exposed portion of said top conductive film of said first film stack and through said insulating layer to an interconnection located beneath said first vertical end.

- 21. The method of claim 20 wherein said top conductive film of said first film stack and said top conductive film of said second film stack are doped silicon films.
  - 22. The method of claim 20 wherein said continuous conductive contact film is a silicide film.
- 15 23. The method of claim 22 wherein said silicide film is titanium silicide.
  - 24. A method of forming a contact comprising: forming a first interconnection;

forming an interlayer dielectric over said first interconnection;

forming a first film stack having a first top silicon film on said interlayer dielectric wherein said first film stack has a first edge above said interconnection;

forming a second film stack having a second top silicon film, wherein said second film stack is formed on said first film stack and has a second edge on said first film stack;

forming a second fill dielectric on said first film stack and on said first fill dielectric;

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forming a third film stack having a third top silicon film and a lower oxide film on said second film, and on said second fill dielectric;

etching an opening through said top silicon film of said third film stack to form an opening in said silicon film above said edge of said second film stack and above said edge of said first film stack; and

etching an opening through said lower oxide layer to reveal said second top silicon film of said second film stack, through said second fill dielectric on said first film stack to reveal said first top silicon film of said first film stack and through said first fill dielectric adjacent to said edge of said first film stack and through said interlayer dielectric above said interconnection to reveal said interconnection.

25. The method of 24 further comprising forming a silicide film on said exposed top silicon film of said first film stack and on said exposed top silicon film of said first film stack and on said interconnection and on said top silicon film of said third film stack.